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Assistant Commissioner for Patents,
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By

Christine A. BykelPATENT

Attorney Docket No. 16528X-008200
(client file no. 1091)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MARK S. CHEE ET AL.

Application No.: 08/327,525

Filed: October 21, 1994

For: COMPUTER-AIDED
VISUALIZATION AND ANALYSIS
SYSTEM FOR SEQUENCE
EVALUATION

) Examiner: D. Rees

) Art Unit: 1807

) AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed July 9, 1996,
for which a petition for an extension of time is enclosed, please
amend this application as follows.

IN THE CLAIMS:

For the Examiner's convenience, all claims pending are
shown below. Claims that have not been amended herein are shown
in small print.

Please cancel claims 72 and 94 without prejudice and
amend claims 60, 62, 64, 70, 72, 81, 83, 88, 92, 94, and 99 as
follows.

1-59. ~~CANCELED~~

60. (Amended) In a computer system, a method of
identifying an unknown base in a sample nucleic acid sequence,
said method comprising the steps of: